

Complete If Known				
Application Number	10/613,758			
Filing Date	July 3, 2003			
First Name Inventor	Mark Schmidt et al.			
Group Art Unit	2876			
Examiner Name	Thien Le			
Attorney Docket Number	108-194USANG0			

			U.S. PA	TENT DOCUMENT	rs	
Examiner Initials	Cite No.	U.S. Patent Doc	Kind Code (if	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Intn'l Class / Sub Class
Du		6,783,075	known)	Wilz, Sr. et al.	MM-DD-YYYY 08/31/2004	G06K 7/10
		6,772,949		Wilz, Sr. et al.	08/10/2004	G06K 7/10
		6,688,527		Knowles, et al.	02/10/2004	G06K 7/10
<b>V</b>		6,547,146		Meksavan et al.	04/15/2003	G06K 7/10
		6,541,398		Hanson	07/30/1996	G06K 7/10
		6,182,898		Schmidt et al.	02/06/2001	
		6,158,662		Kahn et al.	12/12/2000	G06K 7/10
		5,945,660		Nakasuji et al.	08/31/1999	G06K 7/10
		5,828,049		Knowles et al.	10/27/1998	G06K 7/10
\		5,828,048		Rockstein et al.	10/27/1998	G06K 7/10
WT.		5,825,012		Rockstein et al.	10/20/1998	G06K 7/10

			U.S. PA	TENT DOCUMENT		
Examiner Initials	Cite No.	U.S. Patent Doc	Kind	Name of Patentee or Applicant of	Date of Publication of Cited	Intn'i Class / Sub Class
		Number	Code (if known)	Cited Document	Document MM-DD-YYYY	
(ou		5,808,285		Rockstein et al.	09/15/1998	G06K 7/10
\( \lambda \)		5,796,091		Schmidt et al.	08/18/1998	G06K 7/10
		5,789,731		Amundsen et al.	08/04/1998	G06K 7/10
		5,789,730		Rockstein et al.	08/04/1998	G06K 7/10
		5,786,582		Roustaei et al.	07/28/1998	G02B 26/08
		5,777,315		Wilz et al.	07/07/1998	G06K 7/10
		5,767,501		Schmidt et al.	06/16/1998	G06K 7/10
		5,756,982		Knowles et al.	05/26/1998	
		5,742,043		Knowles et al.	04/21/1998	G06K 7/10
		Des. 385,265		Knowles et al.	10/21/1997	;
		5,736,982		Suzuki et al.	04/07/1998	G06F 3/00
		5,661,292		Knowles et al.	08/26/1997	G06K 7/10
Gul		5,637,852		Knowles et al.	06/10/1997	G06K 7/10

•

.

				U.S. PAT	TENT DOCUMENT	rs	
	aminer nitials	Cite No.	U.S. Patent Doc	Kind Code (if	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Intn'i Class / Sub Class
ļ				known)	Cited Document	MM-DD-YYYY	
Lø	ry		5,627,359		Amundsen et al.	05/06/1997	G06K 7/10
•			5,616,908		Wilz et al.	04/01/1997	G06K 7/10
			5,610,386	, , , , , , , , , , , , , , , , , , ,	Ball et al.	03/11/1997	G06K 7/10
			5,600,121		Kahn et al.	02/04/1997	G06K 7/10
			5,591,953		Rockstein et al.	01/07/1997	G06K 7/10
			5,557,093	·	Knowles et al.	09/17/1996	G06K 7/10
			5,528,024		Rockstein et al.	06/18/1996	G06K 7/10
			5,525,789	·	Rockstein et al.	06/11/1996	G06K 7/10
			5,496,992		Madan et al.	03/05/1996	
			5,484,992		Wilz et al.	01/16/1996	G06K 7/10
			5,468,951		Knowles et al.	11/21/1995	G06K 7/10
			5,468,949		Swartz et al.	11/21/1995	G06K 7/10
١	gi		5,424,525		Rockstein et al.	06/13/1995	G06K 7/10

				U.S. PA	TENT DOCUMENT	rs ·	
	aminer nitials	Cite No.	U.S. Patent Doc	Kind Code (if	Name of Patentee or Applicant of	Date of Publication of Cited Document	Intn'i Class / Sub Class
				known)	Cited Document	MM-DD-YYYY	
18	4		5,420,411		Saletto, Jr. et al.	05/30/1995	G06K 7/10
			5,410,141		Koenck et al.	04/25/1995	G06K 7/10
			5,371,348		Kumar et al.	12/06/1994	G06K 7/10
			5,354,977		Roustaei	10/11/1994	G06K 7/10
			5,347,113		Reddersen et al.	09/13/1994	G06K 7/10
			5,343,027		Knowles et al.	08/30/1994	G06K 7/10
			5,340,971		Rockstein et al.	08/23/1994	G06K 7/10
			5,340,973		Knowles et al.	08/23/1994	G06K 7/10
			5,334,821		Campo et al.	08/02/1994	G06K 5/00
			5,324,924		Cal et al.	06/28/1994	G06K 7/10
			5,294,782		Kumar	03/15/1994	G06K 7/10
			5,280,162		Marwin	01/18/1994	G06K 7/10
يا	ur		5,272,324		Blevins	12/21/1993	G06K 7/10

. .

				U.S. PA	TENT DOCUMENT		
	miner tials	Cite No.	U.S. Patent Doc	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'i Class / Sub Class
b	ч		5,272,323		Martino	12/21/1993	G06K 7/10
			5,262,627		Shepard	11/16/1993	G06K 7/10
			5,260,553		Rockstein et al.	11/09/1993	G06K 7/10
			5,250,792		Swartz et al.	10/05/1993	G06K 7/10
			5,250,790		Melitsky et al.	10/05/1993	G06K 7/10
			5,247,162		Swartz et al.	09/21/1993	G06F 7/10
			5,237,161		Grodevant	08/17/1993	G06K 7/10
			5,216,231		Ouchi	06/01/1993	G06K 7/10
			5,212,370		Wittensoldner et al.	05/18/1993	G06K 7/10
			5,206,492		Shepard et al.	04/27/1993	G06K 7/01
			5,198,650		Wilke, Jr.	03/30/1993	G06K 7/10
			5,180,904		Shepart et al.	01/19/1993	G06K 7/10
	ar		5,157,687		Tymes	10/20/1992	H04K 1/00

			U.S. PA	TENT DOCUMENT	rs_	
Examiner Initials	Cite No.	U.S. Patent Doci	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'i Class / Sub Class
bu		5,155,346		Doing et al.	10/13/1992	G06K 7/10
		5,153,417		Sakai et al.	10/06/1992	G06K 7/10
		5,149,950		Swartz et al.	09/22/1992	G06K 7/10
		5,142,550		Tymes	08/25/1992	H04K 1/00
		5,132,523		Bassett	07/21/1992	G06K 7/01
		5,107,100		Shepard et al.	04/21/1992	G06K 7/10
·		5,086,215		Carsner et al.	02/04/1992	G06K 7/10
		5,080,456		Katz et al.	01/14/1992	G02B 26/10
		5,075,538		Swartz et al.	12/24/1991	G06K 7/10
		5,065,003		Wakatsuki et al.	11/12/1991	
		5,059,777		Wittensoldner et al.	10/22/1991	G06K 7/10
		5,047,617		Shepard et al.	09/10/1991	G06K 7/10
yn		5,029,183		Tymes	07/02/1991	H04B 15/00

			U.S. PA	TENT DOCUMENT	rs	
Examiner Initials	Cite No.	10		Name of Patentee or Applicant of	Date of Publication of Cited	Intn'i Class / Sub Class
		Number	Code (if known)	Cited Document	Document MM-DD-YYYY	
lon		5,021,641		Swartz et al.	06/04/1991	G06K 7/10
		5,019,698		Jay	05/28/1991	G06K 7/10
		5,017,765		Shepart et al.	05/21/1991	G06K 7/10
		5,015,833		Shepard et al.	05/14/1991	G06K 7/10
		4,970,379		Danstrom	11/13/1990	G06K 7/14
		4,962,980		Knowles	10/16/1990	G02B 26/10
	·	4,958,894		Knowles	09/25/1990	G02B 26/10
		4,935,610		Wike, Jr.	06/19/1990	G06K 7/10
}		4,933,538		Heiman et al.	06/12/1990	G06K 7/10
		4,930,848		Knowles	06/05/1990	G02B/10
		Des. 305,885		Barkan et al.	02/06/1990	
		4,897,532		Swartz et al.	01/30/1990	G06K 7/10
cor		4,877,949		Danielson et al.	10/31/1989	G06K 7/10

ŧ.

			U.S. PAT	TENT DOCUMENT	s	
Examiner Initials	Cite No.	U.S. Patent Doc	U.S. Patent Documents  Kind Number Code (if		Date of Publication of Cited Document	Intn'i Class / Sub Class
			known)	Cited Document	MM-DD-YYYY	
for		4,850,009		Zook et al.	07/18/1989	H04M 11/00
		4,845,349		Cherry	07/04/1989	G04K 7/10
		4,835,374		Swartz et al.	05/30/1989	G06K 7/10
		4,835,372		Gombrich et al.	05/30/1989	G06E 15/20
		4,825,057		Swartz et al.	04/25/1989	
		4,816,660		Swartz et al.	03/28/1989	G06F 7/10
		4,806,742		Swartz et al.	02/21/1989	G06K 7/10
		4,766,299		Tierney et al.	08/23/1988	
		4,766,297		McMillan	08/23/1988	
		4,760,248		Swartz et al.	07/26/1988	G06K 7/10
		4,736,095		Shepard et al.	04/05/1988	
		4,713,785		Antonelli et al.	12/15/1987	G06F 15/24
M		4,673,805		Shepard et al.	06/16/1987	G06K 7/10

			U.S. PAT	TENT DOCUMENT	rs	
Examiner	Cite	U.S. Patent Doc	uments Kind	Name of Patentee or	Date of Publication of Cited	Intn'i Class / Sub Class
Initials	No.	Number	Code (if known)	Applicant of Cited Document	Document MM-DD-YYYY	
(Juy		4,647,143		Yamazaki et al.	03/03/1987	G02B 26/10
		4,639,606		Boles et al.	01/27/1987	G06K 7/10
		4,621,189		Kumar et al.	11/04/1986	G06K 7/10
		4,593,186		Swartz et al.	06/03/1986	G06K 9/24
		4,575,625		Knowles	03/11/1986	G06K 7/10
		4,570,057		Chadima, Jr. et al.	02/11/1986	G06K 7/10
		4,521,678		Winter	06/04/1985	G06K 7/10
		4,496,831		Swartz et al.	01/29/1985	G06K 7/10
1		4,465,926		Apitz et al.	08/14/1984 °	
		4,460,120		Shepard et al.	07/17/1984	G06K 9/24
		4,431,912		Dickson et al.	02/14/1984	G06K 7/10
		4,409,470		Shepard et al.	10/11/1983	G06K 7/10
Corr		4,387,297		Swartz et al.	06/07/1983	G06K 9/24

			U.S. PAT	TENT DOCUMENT	'S	
		U.S. Patent Doc	uments	Name of	Date of Publication of	
Examiner Initials	Number   Code (it	Patentee or Applicant of Cited Document	Cited Intn'l Class / Sub			
lay		4,282,425		Chadima, Jr.	08/04/1981	G06K 7/10
		4,279,021		See et al.	07/14/1981	G06F 15/06
		4,240,064		DevChoudhury	12/16/1980	G06K 7/14
		4,086,476		King	04/25/1978	G06K 7/10
corr		4,072,859		McWaters	02/07/1978	H01J 39/12

		PUBLICATIONS	
Examiner Initials	Description		
The web-based publication entitled "POCKET-SIZED COMPUTING FOR MOBILE INDUSTRY PROFESSIONALS" by Symbol Technologies, Inc., <a href="http://www.smbol.com/wp/stwp0006.htm">http://www.smbol.com/wp/stwp0006.htm</a> , 1998, pages 1-3.			
		The 1998 press release entitled "SYMBOL ADDS FUNCTIONALITY TO PALMPILOT" by Symbol Technologies, Inc., <a href="http://www.symbol.com/press.100pr.htm">http://www.symbol.com/press.100pr.htm</a> , March 23, 1998, pages 1-2.	
		The product brochure for the MH290 HAND HELD LASER SCANNER by Metrologic Instruments, Inc., 1987, pages 1-2.	
For		The technical publication entitled "HAND-HELD HOLOGRAPHIC SCANNER HAVING HIGHLY VISIBLE LOCATOR BEAM" by R.T. Cato, IBM Technical Disclosure Bulletin, Vol. 27, No. 4, September 1984, pages 2021-2022.	

FOREIGN PATENT DOCUMENTS									
Examine Initials		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class	т.	
		Numbe r	Kind Code (if known)	,					
[py		JP	EP 460 669		Osaka Works of Sumitomo, Osaka, Japan	11/12/1991		,	
		EP	0 871 138 A2		Metrologic Instruments, Inc.	10/14/1998	G06K 7/10		
		EP	0 424 976 A2		Canon Kabushiki Kaisha, Tokyo, Japan	05/02/1991			
		EP	0 424 097 A1		Fujitsu Limited	04/24/1991			
		EP	0 414 452 A1		NCR Corporation	02/27/1991			
Ju	1	EP	0 323 848		Tokyo Electric Co., Ltd.; Tokyo, Japan	07/12/1989	G 06 K 7/10		

₩.

•	•				
PUBLICATIONS					
Examiner Initials	Cite No.	Description			
loy		PCT Search Report for PCT/US99/28530, 1999			
yer		EPO Search Report for 99 96 2976			

EXAMINER TILE	DATE CONSIDERED 6/8/2005								
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to applicant.									
(INFORMATION DISC	LOSURE STATEMENT – SECTION 9 PTO-1449)								

•

•